



PUBLIC FIRE HYDRANT PLAN Checklist

KIVA/DIS No: _____ Project Name: _____

Reviewed by: _____ Phone Number: _____ Date: ____/____/____

Engineer: _____ Phone Number: _____

The applicant is responsible for providing the following information to the Development Services Department, Central Log-In, 200 W Washington 2nd Floor, Phoenix, Arizona 85003. For additional information, call 602-262-6551.

The purpose of this checklist is to offer comments on plans for construction of Fire Hydrants in the public right-of-way.

This checklist serves to minimize redline comments on the check prints and to maintain consistency among plan reviewers. Plan approval, issuing permits, and certain grading clearances depend on compliance with the comments made on the check prints and this checklist. The engineer of record shall satisfy themselves of the completeness and accuracy of the design.

Please return this checklist and the check prints with your next submittal.

The following symbols are used to identify changes needed to the plans:

[x] REQUIRED [✓] O.K.

GENERAL REQUIREMENTS

- [] Plan size may be 8 ½" x 11" for single fire hydrant or multiple fire hydrants shown together on 24"x 36"
- [] Use City of Phoenix standard symbols.
- [] Plan may be prepared on vellum, mylar, or if 8 ½" x 11" on opaque paper.
- [] Civil Engineer's Arizona Registration Seal, original signature, name, address, and phone number.
- [] Scale not more than 1"=40'.
- [] Original plan to be sufficiently clear to allow legible prints for "As-Builts."
- [] Appropriate processing numbers: KIVA, CS/CR/CCPR #, SDEV # and Quarter Section number.
- [] Project name and address.
- [] Blue Stake notification decal.

PLAN SHEET REQUIREMENTS

- [] North Arrow and bar scale shall be shown.
- [] Show (label-size and type) and dimension all utilities in the right-of-way and easements from the monument line.
- [] Material/Quantities List.
- [] All pipe shall be Ductile Iron Pipe, Class 50 Minimum.
- [] As-Built Certification:

AS-BUILT CERTIFICATION:

That portion of this project installed in the right-of-way has been completed according to the specifications and dimensions shown hereon.

REGISTERED CIVIL ENGINEER

DATE

- [] Signature Block:

APPROVED: FOR THE CITY OF PHOENIX - FOR THAT PORTION IN PUBLIC RIGHT-
OF-WAY OR PUBLIC UTILITY EASEMENT ONLY

COUNTY HEALTH DELEGATE
DEVELOPMENT SERVICES DEPARTMENT

DATE

- [] Show Dimensions:

- [] Hydrant to street monument line.
- [] Tap to nearest intersection monument.
- [] Hydrant to monument line of both streets where hydrant will be installed if at intersection.
- [] Existing right-of-way, alley, or easement. Call out street names.
- [] If adjacent to driveway, show dimension (5' min., hydrant outside of driveway wing).

- [] Utility Clearance Conflict Notices are required or a signed and sealed (if applicable) disclaimer notice on the cover sheet.

Disclaimer: I hereby certify that all utility companies with facilities in the area of this project have been contacted and the data provided is shown on this plan. I agree to indemnify, defend, save and hold harmless the City of Phoenix, its officers, officials, agents, employees and volunteers from any and all claims, demands, actions, liabilities, damages, losses, or expenses incurred for any utility conflicts that may arise.

Signature and Seal

Date

- [] Call out M.A.G. details for tapping sleeve and hydrant. M.A.G. standard detail 340, 360 and C.O.P. 1362.
- [] All valves shall be installed with City of Phoenix Detail P-1391-A.
- [] All valves involved in a shutdown shall be shown and identified by their City Quarter Section valve numbers.
- [] Show existing and proposed concrete work impacted by fire hydrant construction. Replace sidewalk, curb and gutter with sidewalk ramps to accommodate the physically disabled, where applicable.
- [] Indicate by note at inspector's discretion if tunneling, sawcut or replacement of concrete for waterline passing under the concrete. Backfill with ½ sack slurry.
- [] If tapping sleeve is used call out with type of valve box:

_____ "x" _____ " TS&VB &C per COP Detail P-1391-A.

[] **Fire Hydrant Notes:**

All construction to conform to M.A.G. Specifications and Details, City of Phoenix Supplement to the M.A.G. Specifications and details, unless modified on the plans.

The following M.A.G. Details are specifically not approved:

- 390- Curb Stop with flushing pipe.
- 391-1 Valve Box Installation.

Development Services Department's field inspection group shall be notified 48 hours before any construction begins, telephone 602-262-7811.

Pavement replacement type shall comply with M.A.G. Section 336, C.O.P. Detail 1200, Type B or replace in kind whichever is greater. Curb and gutter replacement minimum 1 full section per M.A.G. Detail 220. Sidewalk replacement minimum 1 full panel per C.O.P. Detail P-1230.

Compaction shall comply with M.A.G. Section 601.


A pavement cut surcharge will be assessed for all newly paved or newly overlaid pavement. If fees are assessed, they are in addition to the regular permit fees and are over and above any backfill, compaction, and pavement replacement stipulations that may be imposed as a condition of permitting.

All plan approvals are valid for one year from the date of signature.

- [] Return 3 sets of revised plans, the redlined set with checklist to Central Log-In for review or 4 sets of revised plans for signature approval and other documentation requested as noted.

PLANS FOR REVISION

All plans being revised after the original approval shall be re-approved as follows:

- [] The nature of the revision must be called out on the bottom of the cover sheet and on the sheet(s) being revised. The revision number itself shall consist of a numeral within a triangle. The revised work shall be clouded and be numbered in a delta such as: 
- [] Affix a signature block as shown on the bottom of page 2 with a delta and a number on the left of the signature line.

PLANS FOR UPDATE

For plans submitted for update approval without revisions to the plans, the following is required:

- [] Plans shall be resealed if previously sealed. Add a note on the bottom of page one that states submitted for update only and add the date. If any revisions have been done, also follow directions under Plans for Revision above.

This publication can be made available in alternate formats (Braille, large print, computer diskette, or audiotape) upon request. Contact the Development Services Department at (602) 262-7811 (voice) or (602) 534-5500 (TTY).

AG/trt dev/shared/private/updated docs/Public Hydrant Checklist
Revised April 1996
Revised April 1999
Revised 03/2004